



DRYPOOL SYSTEM

Waterproofing and coating
of swimming pools



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DRYPOOL SYSTEM

The best solution for your swimming pool

A complete system to waterproof and tile swimming pools, made up of a watertight mortar, a tile adhesive specially formulated for this application and a grout. With this system, a watertight and durable finish in your swimming pool can be easily achieved.

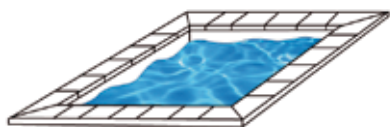
What does this system provide?

Waterproofing:

- **Prevention of water leaks** that force to constantly fill up the pool and that may end up in removal and reapplication of the tiling.
- **Proper maintenance of the swimming pool** thanks to a good waterproofing and the use of materials suitable for being in continuous contact with water and the chemicals used to preserve its quality.
- **Long-lasting finishes** with a mould treatment and high-performance adhesives.
- **Compatible materials.** By being a system, all materials are compatible with each other and their adherence and deformability properties remain consistent in time.

Issues to consider

The installation of ceramic tiles/mosaic in swimming pools must withstand the constant pressure of water. A solid concrete basin must be ensured before proceeding to apply the rest of materials.

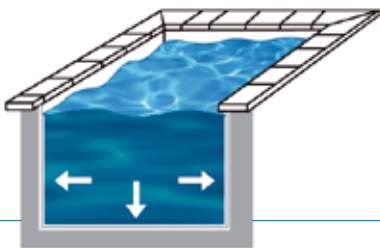


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The absorption degree of the tile is a key factor to properly choose the right tile adhesive.

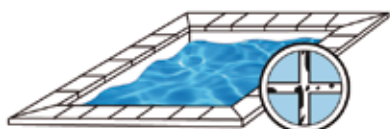
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The tiles to be applied are going to be in permanent contact with water and the chemicals that are used to preserve its quality.



3

The ceramic tiles will have to withstand the large pressures generated by the water in the swimming pool as well as negative pressures when the pool is emptied for maintenance.



4

In some areas, the contact with the air and moisture will promote the growth of fungi and bacteria on the joints, this is something that must be prevented as much as possible by using the appropriate growing material.



The components

WATERPROOFING AND TILING



For a basic application:

MORCEMDRY R (single-component)

- Mortar for the application of watertight coatings.
- Apply a total thickness of 5mm to ensure the waterproofing of the basin.
- Available in two colours (white and grey), it is perfectly suited as a substrate for a ceramic coating with Pegoland Especial C1 TE.



PEGOLAND ESPECIAL C1 TE

- High-performance cementitious tile adhesive.
- Suitable for the installation of ceramic tiles with an absorption above 3% and vitreous mosaic, particularly in swimming pools.



For a more demanding application:

MORCEMDRY F (two-component)

- Watertight two-component mortar for waterproofing construction elements. Ideal for swimming pools. Apply a total thickness of 3mm to ensure the waterproofing of the basin.
- Its deformability makes it an ideal solution for repairs prone to have small shifts or movements.
- Reinforced with a mesh, it is perfect to repair small cracks.



PEGOLAND FLEX C2 TE S1

- High-performance cement adhesive, with the right amount of flexibility and deformability and a very high adherence.
- Suitable for the application of all kinds of ceramic tiles. Ideal to be used in swimming pools waterproofed with MORCEMDRY F.

GROUTING

The appropriate mortar will be chosen according to the requirements of the application.



MORCEMCOLOR EPOXI RG

- Two-component epoxy mortar to fill the voids between tiles. For sealing ceramic tiles, floor tiles, plates, bricks, etc., that must withstand chemical or mechanical high-pressure loads (swimming pools, chemical and food industries, labs, hospitals, abattoirs, kitchens, etc.).



MORCEMCOLOR PLUS CG2 Ar W

- Additive-enhanced coloured mortar made up of mixed binders, of great fineness and plasticity. For sealing 2 to 15 mm joints in all types of ceramic surfaces. Special for grouting swimming pools with low-porosity tiles like porcelain tiles.

DRYPOOL SYSTEM Mode of use



1 Mix to consistency and apply a first thick coat of MORCEMDRY R with a flat brush. Let dry for approximately 2 to 4 hours. Apply a second coat perpendicular to the first one.



2 Once the MORCEMDRY R coats have set, apply PEGOLAND FLEX or PEGOLAND ESPECIAL (depending on degree of absorption of the ceramic tile) by spreading with a notched trowel.



3 Apply the ceramic tiles firmly pressing on them and cleaning the joints.



4 After 48 hours, grout with MORCEMCOLOR PLUS or MORCEMCOLOR EPOXI (depending on the requirements of the application).



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